

Rocks of the Yosemite Region

This list is derived from *Geologic Map of Yosemite National Park and Vicinity, California*, by Dr. King Huber et. al., 1989.

Also Available Online: <http://www.nps.gov/yose>

The following kinds of rocks are found in the Yosemite National Park area. Rocks whose symbol is in brackets are not found in the park, but are found in the immediate vicinity. This information was derived from Geologic Map of Yosemite National Park and Vicinity, California (Huber et. al., 1989).

Surficial Deposits

- Qal Alluvium (Holocene)
- Qtl Talus (Holocene)
- Qls Landslide (Holocene)
- Qng Neoglacial and periglacial deposits (Holocene)
- Qti Tioga Till (Pleistocene)
- Qta Tahoe Till (Pleistocene)
- Qpt Pre-Tahoe Till (Pleistocene)
- Tls Indurated landslide deposit (Pliocene?)

Volcanic and Sedimentary Rocks

- Tby Younger basalt (Pliocene)
- [Tdp] Disaster Peak Formation (Pliocene(?) and Miocene)
- [Td] Dacite (Miocene)
- Tbo Older basalt (Miocene)
- [Ta] Andesite (Miocene)
- Stanislaus Group* (Miocene)
 - Tev Eureka Valley Tuff
 - Ttm Table Mountain Latite
- [Trp] Relief Peak Formation (Miocene)
- Tal Indurated alluvium (Miocene)
- Tvs Valley Springs Formation (Miocene and Oligocene)

Plutonic Rocks

- Tuolumne Intrusive Suite* (Late Cretaceous)
 - Kap Aplite and pegmatite
 - Kjp Johnson Granite Porphyry
 - Kcp Cathedral Peak Granodiorite
 - Khd Half Dome Granodiorite
 - Kkc Granodiorite of Kuna Crest and similar rocks
- Intrusive Suite of Sonora Pass* (Late Cretaceous)
 - [Ktz] Granodiorite of Topaz Lake
 - Kkl Granodiorite of Kinney Lakes
- Ks Sentinel Granodiorite (Late Cretaceous)
- Kyc Yosemite Creek Granodiorite (Late Cretaceous)
- [Kmg] Mount Givens Granodiorite (Late Cretaceous)
- Intrusive Suite of Jack Main Canyon* (Late Cretaceous)
 - Kbl Granodiorite of Boundary Lake
 - Klv Granodiorite of Lake Vernon
 - Kbu Granodiorite of Bearup Lake
 - Kgi Quartz diorite of Mount Gibson
- Intrusive Suite of Washburn Lake* (mid-Cretaceous)
 - Kcc Granite porphyry of Cony Crags

Ktl Granite of Turner Lake
 Krd Granodiorite of Red Devil Lake
Intrusive Suite of Buena Vista Crest (mid-Cretaceous)
 Kcl Granite of Chilnualna Lakes
 Kbv Bridalveil Granodiorite and similar rocks
 Kbz Granodiorite of Breeze Lake
 Kol Granodiorite of Ostrander Lake
 Kic Granodiorite of Illilouette Creek and similar rocks
 Kid Quartz diorite
Intrusive Suite of Merced Peak (mid-Cretaceous)
 Ktk Granite of Timber Knob
 Kjl Granodiorite of Jackass Lakes
 Ksl Granite porphyry of Shellenbarger Lake (Early Cretaceous)
 Kgm Granite of Grace Meadow (Early Cretaceous)
Intrusive Suite of Yosemite Valley (Early Cretaceous)
 Kt Taft Granite
 Kec El Capitan Granite
 [Kbe] Granodiorite of Beasore Meadow (Early Cretaceous)
 Ksp Granite of Shuteye Peak (Early Cretaceous)
 [Kbf] Granodiorite of Bummers Flat (Early Cretaceous)
 Kbp Granite of Bond Pass (Early Cretaceous)
 Kst Granite porphyry of Star Lakes (Early Cretaceous)
Fine Gold Intrusive Suite (Early Cretaceous)
 Kar Granodiorite of Arch Rock and similar rocks
 Kga Tonalite of the Gateway and similar rocks
 Kdl Granite of Dorothy Lake (Early Cretaceous)
 Klh Granodiorite of Lake Harriet (Early Cretaceous)
 Kg Granitic rocks, undivided (Cretaceous?)
 KJdg Diorite and gabbro (Cretaceous and Jurassic)
 [Jgc] Tonalite of Granite Creek (Jurassic)
Scheerlite Intrusive Suite (Triassic)
 TRwc Wheeler Crest Granodiorite
 TRlv Granite of Lee Vining Canyon
Metamorphic Rocks
 [TRms] Metasedimentary rock, undivided (Triassic)
 PZme Metasedimentary rock, undivided (Early? Paleozoic)
 Kmv Metavolcanic rock, undivided (Cretaceous)
 Jmv Metavolcanic rock, undivided (Jurassic)
 Jms Metasedimentary rock, undivided (Jurassic?)
 TRmv Metavolcanic rock, undivided (Triassic?)
 PZml Metasedimentary rock, undivided (Late Paleozoic)
 [PZme] Metasedimentary rock, undivided (Early Paleozoic)